

NT1p MGIHAWSEFLKDFLAGAVAAVSKTAVAPIERVKLLLOVQHASKQITSAEIKQ 50
 NT2p MIIIAVVSFAKDFLAGGVAAALSKTAVAPIERVKLLLOVQHASKQIIADKQ 50
 NT3p MIECAIISFAKDFLAGGIAAALSKTAVAPIERVKLLLOVQHASKQIAADKQ 50

 NT1p YKGIIDCVVRIPKEQGFLSFWRCNLANVIRYFPTQALNFAFKDKYKQLEFL 100
 NT2p YKGIIDCVVRIPKEQGVLSFWRCNLANVIRYFPTQALNFAFKDKYKQLEFL 100
 NT3p YKGIIDCVVRIPKEQGVLSFWRCNLANVIRYFPTQALNFAFKDKYKQLEFL 100

 NT1p GGVDHFKQFWRYFAGNLASGGAAGATSLCFVYPLDFARTRLAADVGRRA 149
 NT2p GGVDKHTQFWRYFAGNLASGGAAGATSLCFVYPLDFARTRLAADVGRKACA 150
 NT3p GGVDKHTQFWRYFAGNLASGGAAGATSLCFVYPLDFARTRLAADVGRKSGI 150

 NT1p QREFRGLGDCIKKSDGIRGLYQGFNVSVQGIITYRAAVFGVYDTAKG 199
 NT2p EREFRGLGDCIKKSDGIRGLYQGFNVSVQGIITYRAAVFGVYDTAKG 200
 NT3p EREFRGLGDCIKKSDGIRGLYQGFNVSVQGIITYRAAVFGVYDTAKG 200

 NT1p MLPDPKNHIVSVSWMTAQSVTAVAGLISYPFDIVRRRMMQSGRKGADIM 249
 NT2p MLPDPKNHIVSVSWMTAQSVTAVAGLISYPFDIVRRRMMQSGRKGADIM 250
 NT3p MLPDPKNHIVSVSWMTAQSVTAVAGLISYPFDIVRRRMMQSGRKGADIM 250

 ANT1p YTGTVDCWRKIAFDEGCKAFFKCAWSNVL RGMGGAFLVLVLYDELKKYV. 298
 ANT2p YTGTVDCWRKIAFDEGCKAFFKCAWSNVL RGMGGAFLVLVLYDELKKYT. 299
 ANT3p YTGTVDCWRKIAFDEGCKAFFKCAWSNVL RGMGGAFLVLVLYDELKKVI. 299

Figure 2

48 — M (+) 1 2 3 4

60 —

42 —

30 —

22 —

17 —

Figure 4

SDS-PAGE gel showing protein expression and purification. The gel is divided into two main sections: HIS-tagged and GST-tagged. The HIS-tagged section includes lanes for 'no induction' and 'arabinose induction'. The GST-tagged section includes lanes for 'Pgex vector only', 'rANT- transformed', and 'GST Dead purified'. Molecular weight markers (22, 30, 42, 60 kDa) are indicated on the left. In the HIS-tagged lanes, a band at ~30 kDa appears only after arabinose induction. In the GST-tagged lanes, a band at ~30 kDa is present in the 'rANT- transformed' lane and a band at ~50 kDa is present in the 'GST Dead purified' lane.

- 1

Figure 6

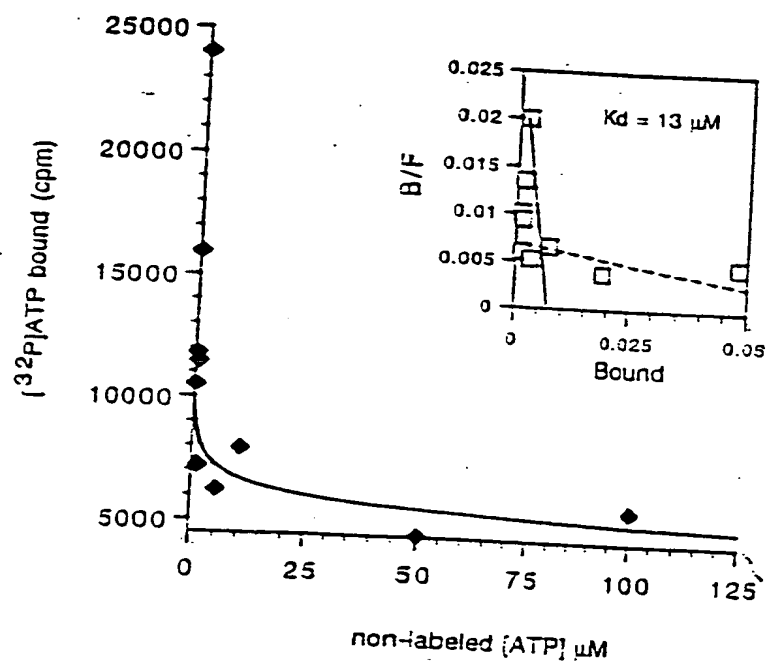


Figure 7

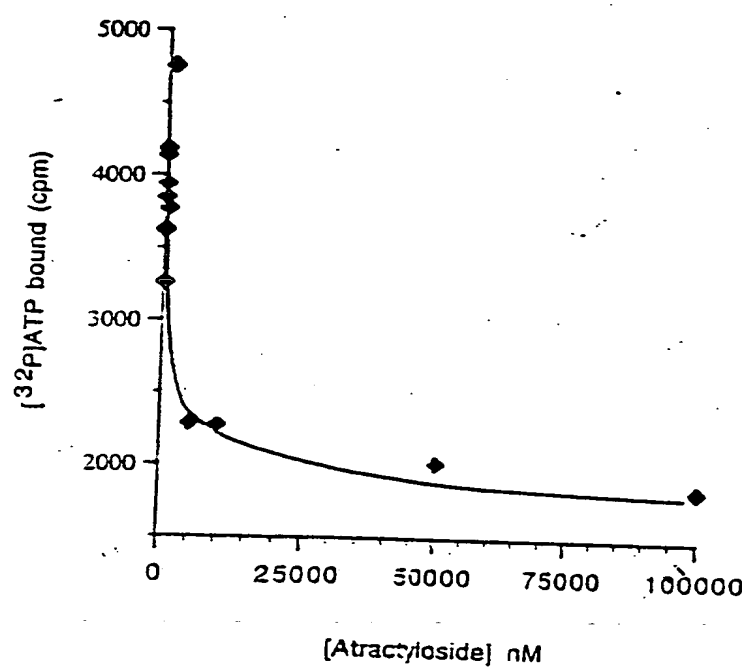


Figure 8

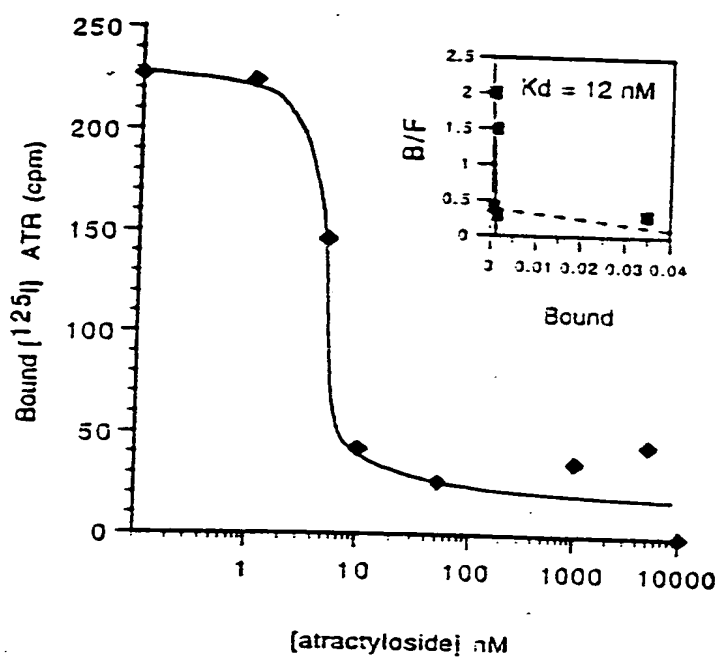


Figure 9

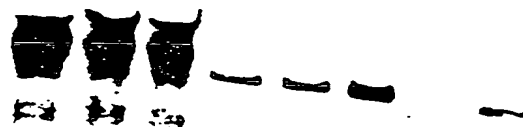


Figure 10 -

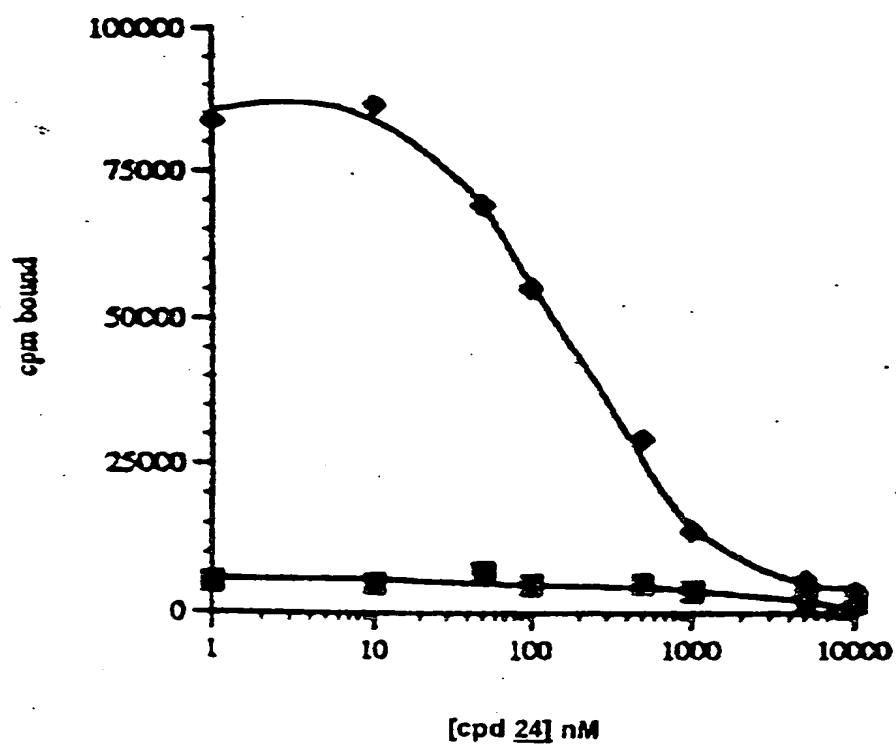


Figure 11

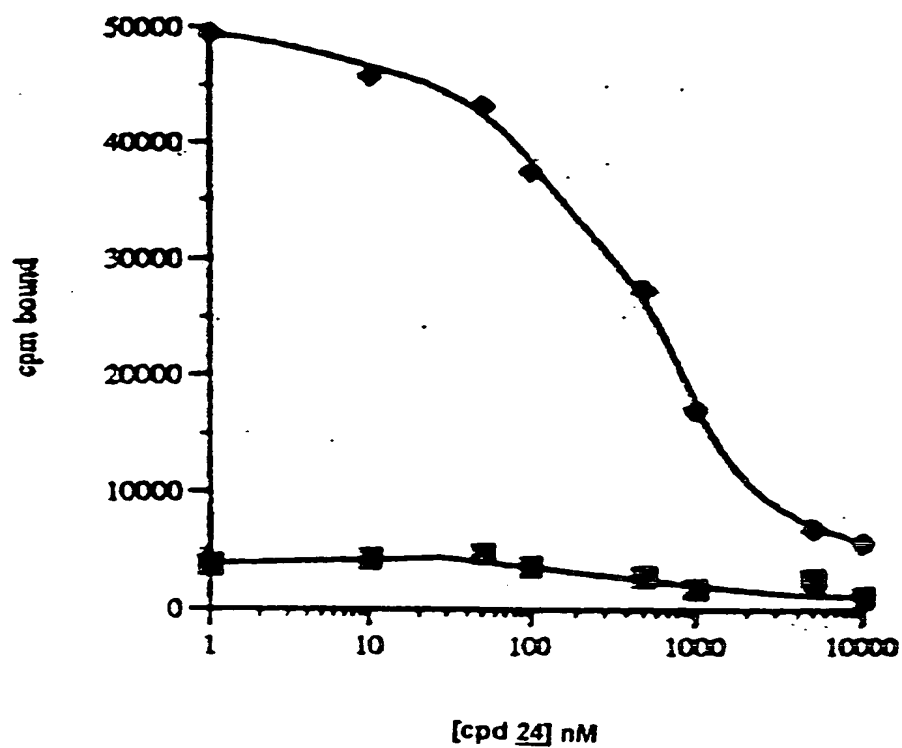


Figure 12

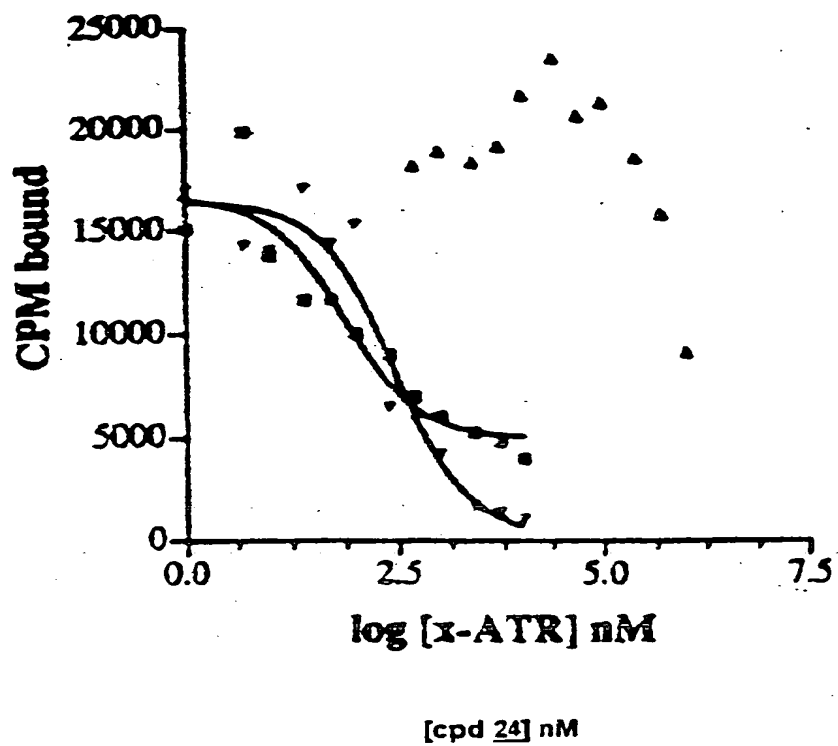


Figure 13

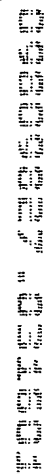


Figure 14

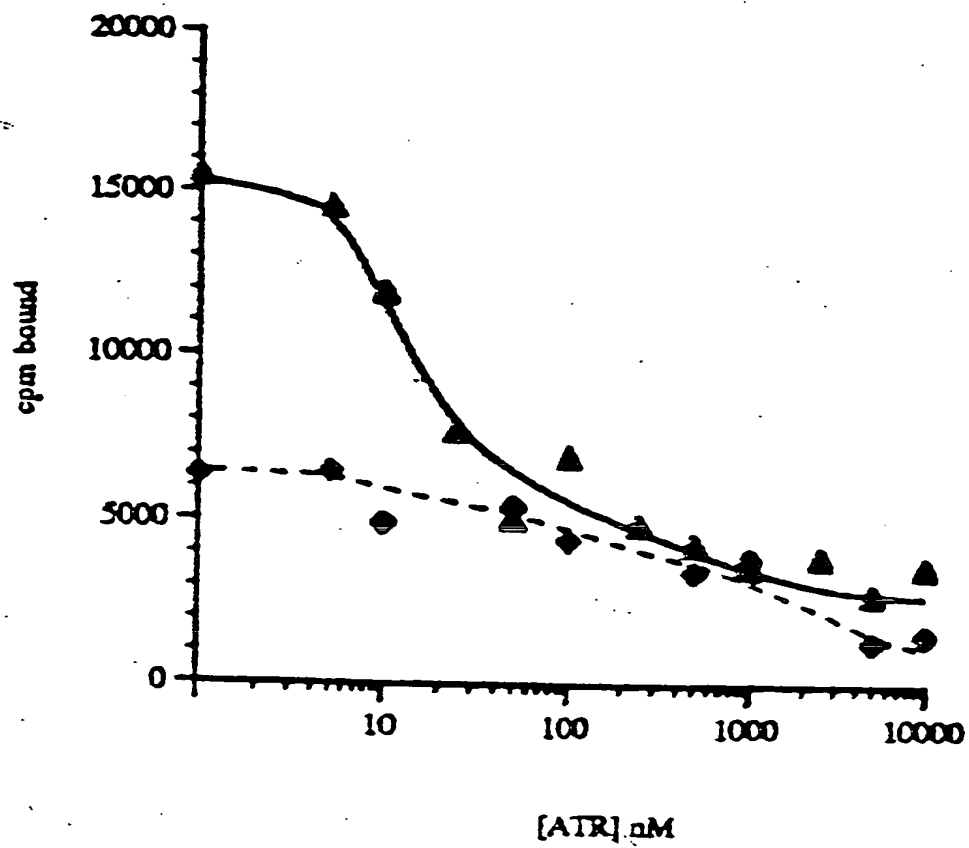


Figure 15

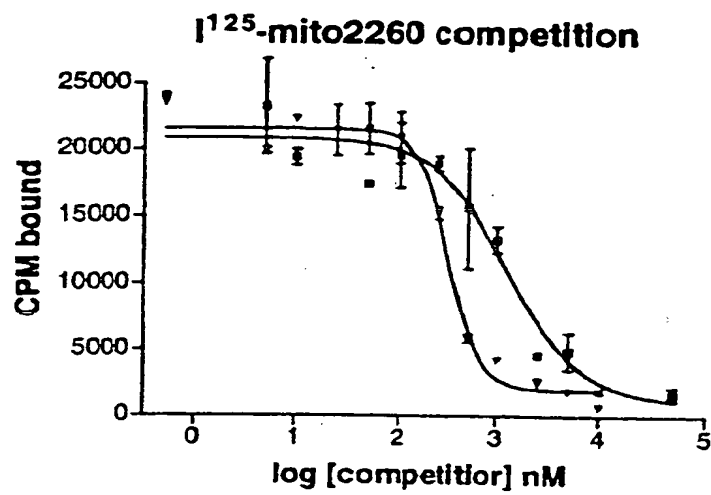


Figure 16

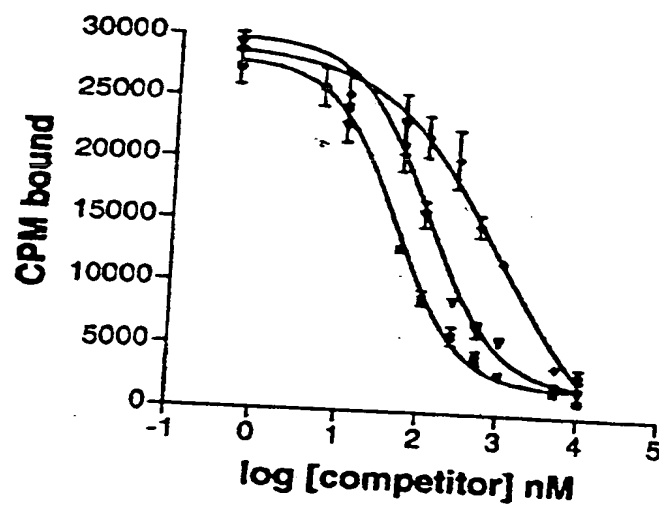


Figure 17

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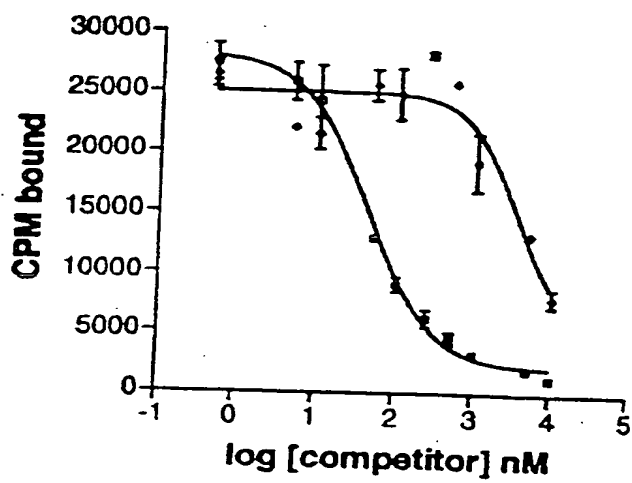


Figure 18

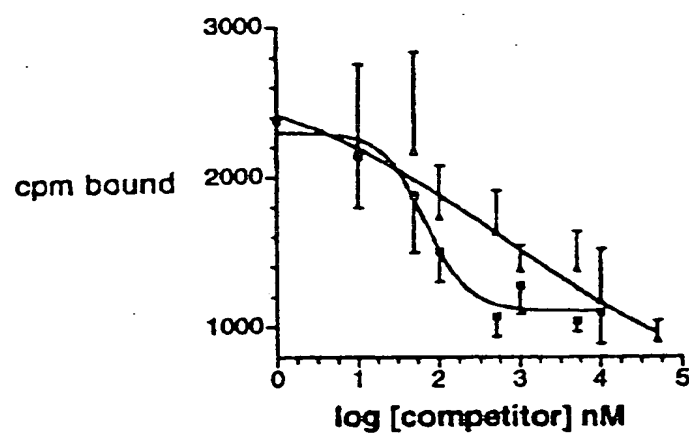


Figure 19